






ENGINEERING CHANGE PROPOSAL (ECP), PAGE 1					1. DATE (YYYYMMDD)				
								2. PROCURING ACTIVITY NO.	
								3. DODAAC	
4. ORIGINATOR a. TYPED NAME (First, Middle Initial, Last)			b. ADDRESS (Street, City, State, Zip Code)			5. CLASS OF ECP			
						6. JUST. CODE		7. PRIORITY	
8. ECP DESIGNATION						9. BASELINE AFFECTED			
a. MODEL/TYPE		b. CAGE CODE		c. SYSTEM DESIGNATION		<input type="checkbox"/> FUNCTIONAL <input type="checkbox"/> ALLOCATED		<input type="checkbox"/> PRODUCT	
d. ECP NO.				e. TYPE	f. REV	10. OTHER SYS./CONFIG. ITEMS AFFECTED			
						<input type="checkbox"/> YES		<input type="checkbox"/> NO	
11. SPECIFICATIONS AFFECTED					12. DRAWINGS AFFECTED				
	CAGE Code	Specification/Document No.	REV.	SCN	CAGE Code	NUMBER	REV.	NOR	
a. SYSTEM									
b. DEVELOPMENT									
c. PRODUCT									
13. TITLE OF CHANGE									
14. CONTRACT NO. AND LINE ITEM					15. PROCURING CONTRACTING OFFICER				
					a. NAME (First, Middle, Last)				
					b. CODE		c. TELEPHONE NO.		
16. CONFIGURATION ITEM NOMENCLATURE								17. IN PRODUCTION	
								<input type="checkbox"/> YES <input type="checkbox"/> NO	
18. ALL LOWER LEVEL ITEMS AFFECTED									
a. NOMENCLATURE				b. PART NO.			c. NSN		
19. DESCRIPTION OF CHANGE									
20. NEED FOR CHANGE									
21. PRODUCTION EFFECTIVITY BY SERIAL NUMBER					22. EFFECT ON PRODUCTION DELIVERY SCHEDULE				
23. RETROFIT									
a. RECOMMENDED RETROFIT EFFECTIVITY					b. SHIP/VEHICLE CLASS AFFECTED				
c. ESTIMATED KIT DELIVERY SCHEDULE					d. LOCATIONS OR SHIP/VEHICLE NUMBERS AFFECTED				
24. ESTIMATED COST/SAVINGS UNDER CONTRACT					25. ESTIMATED NET TOTAL COSTS/SAVINGS				
26. SUBMITTING ACTIVITY									
a. AUTHORIZED SIGNATURE					b. TITLE				
27. APPROVAL/DISAPPROVAL									
a. CLASS I			b. CLASS II			c. CLASS II			
<input type="checkbox"/> APPROVAL RECOMMENDED	<input type="checkbox"/> DISAPPROVAL RECOMMENDED		<input type="checkbox"/> APPROVED	<input type="checkbox"/> DISAPPROVED		<input type="checkbox"/> CONCUR IN CLASSIFI- CATION OF CHANGE	<input type="checkbox"/> DO NOT CONCUR IN CLASSI- FICATION OF CHANGE		
d. GOVERNMENT ACTIVITY				e. SIGNATURE			f. DATE SIGNED (YYYYMMDD)		
g. APPROVAL		h. GOVERNMENT ACTIVITY			i. SIGNATURE		j. DATE SIGNED (YYYYMMDD)		
<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED									






ENGINEERING CHANGE PROPOSAL (ECP), PAGE 2		
		ECP NUMBER
EFFECTS ON FUNCTIONAL/ALLOCATED CONFIGURATION DOCUMENTATION		
28. OTHER SYSTEMS AFFECTED	29. OTHER CONTRACTORS/ACTIVITIES AFFECTED	
30. CONFIGURATION ITEMS AFFECTED		
31. EFFECTS ON PERFORMANCE ALLOCATIONS AND INTERFACES IN SYSTEM SPECIFICATION		
32. EFFECTS ON EMPLOYMENT, INTEGRATED LOGISTICS SUPPORT, TRAINING, OPERATIONAL EFFECTIVENESS OR SOFTWARE		
33. EFFECTS ON CONFIGURATION ITEM SPECIFICATIONS		
34. DEVELOPMENTAL REQUIREMENTS AND STATUS		
35. TRADE-OFFS AND ALTERNATE SOLUTIONS		
36. DATE BY WHICH CONTRACTUAL AUTHORITY IS NEEDED (YYYYMMDD)		

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 3							
						ECP NUMBER	
EFFECTS ON PRODUCT CONFIGURATION DOCUMENTATION, LOGISTICS AND OPERATIONS							
(X)	FACTOR	ENCL.	PAR.	(X)	FACTOR	ENCL.	PAR.
	37. EFFECTS ON PRODUCTION CONFIGURATION DOCUMENTATION OR CONTRACT				39. EFFECTS ON OPERATIONAL EMPLOYMENT		
	a. PERFORMANCE				a. SAFETY		
	b. WEIGHT-BALANCE-STABILITY (<i>Aircraft</i>)				b. SURVIVABILITY		
	c. WEIGHT-MOVEMENT (<i>Other equipment</i>)				c. RELIABILITY		
	d. CDRL, TECHNICAL DATA				d. MAINTAINABILITY		
	e. NOMENCLATURE				e. SERVICE LIFE		
					f. OPERATING PROCEDURES		
	38. EFFECT ON INTEGRATED LOGISTICS SUPPORT (ILS) ELEMENTS				g. ELECTROMAGNETIC INTERFERENCE		
	a. ILS PLANS				h. ACTIVATION SCHEDULE		
	b. MAINTENANCE CONCEPT, PLANS AND PROCEDURES				i. CRITICAL SINGLE POINT FAILURE ITEMS		
	c. LOGISTICS SUPPORT ANALYSES				j. INTEROPERABILITY		
	d. INTERIM SUPPORT PROGRAMS						
	e. SPARES AND REPAIR PARTS				40. OTHER CONSIDERATIONS		
	f. TECH MANUALS/PROGRAMMING TAPES				a. INTERFACE		
	g. FACILITIES				b. OTHER AFFECTED EQUIPMENT/GFE/GFP		
	h. SUPPORT EQUIPMENT				c. PHYSICAL CONSTRAINTS		
	i. OPERATOR TRAINING				d. COMPUTER PROGRAMS AND RESOURCES		
	j. OPERATOR TRAINING EQUIPMENT				e. REWORK OF OTHER EQUIPMENT		
	k. MAINTENANCE TRAINING				f. SYSTEM TEST PROCEDURES		
	l. MAINTENANCE TRAINING EQUIPMENT				g. WARRANTY/GUARANTEE		
	m. CONTRACT MAINTENANCE				h. PARTS CONTROL		
	n. PACKAGING, HANDLING, STORAGE TRANSPORTABILITY				i. LIFE CYCLE COSTS		
41. ALTERNATE SOLUTIONS							
42. DEVELOPMENTAL STATUS							
43. RECOMMENDATIONS FOR RETROFIT							
44. WORK-HOURS PER UNIT TO INSTALL RETROFIT KITS				45. WORK-HOURS TO CONDUCT SYSTEM TESTS AFTER RETROFIT			
a. ORGANIZATION	b. INTERMEDIATE	c. DEPOT	d. OTHER				
46. THIS CHANGE MUST BE ACCOMPLISHED				47. IS CONTRACTOR FIELD SERVICE ENGINEERING REQUIRED?		48. OUT OF SERVICE TIME	
<input type="checkbox"/> BEFORE	<input type="checkbox"/> WITH	<input type="checkbox"/> AFTER THE FOLLOWING CHANGES		<input type="checkbox"/> YES	<input type="checkbox"/> NO		
49. EFFECT OF THIS ECP AND PREVIOUSLY APPROVED ECPs ON ITEM				50. DATE CONTRACTUAL AUTHORITY NEEDED FOR (YYYYMMDD)			
				a. PRODUCTION			
				b. RETROFIT			

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 4						
						ECP NUMBER
51. ESTIMATED NET TOTAL COST IMPACT <i>(Use parentheses for savings)</i>						
FACTOR	COST/SAVINGS UNDER CONTRACT				Total (e)	Other Costs/ Savings to the Government (f)
	Non- Recurring (a)	Unit (b)	Quantity (c)	Total (Recurring) (d)		
a. PRODUCTION COST/SAVINGS						
(1) CONFIGURATION ITEM/CSCI						
(2) FACTORY TEST EQUIPMENT						
(3) SPECIAL FACTORY TOOLING						
(4) SCRAP						
(5) ENGINEERING, ENGINEERING DATA REVISION						
(6) REVISION OF TEST PROCEDURES						
(7) QUALIFICATION OF NEW ITEMS						
(8) SUBTOTAL OF PROD COSTS/SAVINGS						
b. RETROFIT COSTS						
(1) ENGINEERING DATA REVISION						
(2) PROTOTYPE TESTING						
(3) KIT PROOF TESTING						
(4) RETROFIT KITS FOR OPERATIONAL SYSTEMS						
(5) PREP. OF MWO/TCTO/SC/ALT/TD						
(6) SPECIAL TOOLING FOR RETROFIT						
(7) INSTALLATION - CONTRACTOR PERSONNEL						
(8) INSTALLATION - GOVERNMENT PERSONNEL						
(9) TESTING AFTER RETROFIT						
(10) MODIFICATION OF GFE/GFP						
(11) QUALIFICATION OF GFE/GFP						
(12) SUBTOTAL OF RETROFIT COSTS/SAVINGS						
c. INTEGRATED LOGISTICS SUPPORT COSTS/SAVINGS						
(1) SPARES/REPAIR PARTS REWORK						
(2) NEW SPARES AND REPAIR PARTS						
(3) SUPPLY/PROVISIONING DATA						
(4) SUPPORT EQUIPMENT						
(5) RETROFIT KITS FOR SPARES						
(6) OPERATOR TRAINING COURSES						
(7) MAINTENANCE TRAINING COURSES						
(8) REVISION OF TECHNICAL MANUALS						
(8)a. DEFICIENCY CORRECTION @ 20 HRA ea.						
(9) NEW TECHNICAL MANUALS						
(10) TRAINING/TRAINERS						
(11) INTERIM SUPPORT						
(12) MAINTENANCE MANPOWER						
(13) COMPUTER PROGRAMS/DOCUMENTATION						
(14) SUBTOTAL OF ILS COSTS/SAVINGS						
d. OTHER COSTS/SAVINGS						
e. SUBTOTAL COSTS/SAVINGS						
(1) SUBTOTAL UNDER CONTRACT						
f. COORDINATION OF CHANGES WITH OTHER CONTRACTORS						
g. COORDINATION CHANGES BY GOVERNMENT						
h. ESTIMATED NET TOTAL COSTS/SAVINGS						

ENGINEERING CHANGE PROPOSAL (ECP), PAGE 5							
						ECP NUMBER	
52. ESTIMATED COSTS/SAVINGS SUMMARY, RELATED ECPs <i>(Use parentheses for savings)</i>							
	CAGE CODE	ECP NUMBER	COSTS / SAVINGS UNDER CONTRACTS			OTHER COSTS / SAVINGS TO GOVERNMENT	
	(a)	(b)	(c)			(d)	
a. PRODUCTION COSTS/SAVINGS <i>(Subtotal of Costs/Savings Elements from Page 4, Item 4.a., applicable to aircraft, ship, tank, vehicle, missile or its subsystem)</i>							
(1) SUBTOTAL PRODUCTION COSTS/SAVINGS							
b. RETROFIT COSTS <i>(Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)</i>							
(1) SUBTOTAL RETROFIT COSTS							
c. INTEGRATED LOGISTICS SUPPORT COSTS/SAVINGS REVISED REQUIREMENTS							
(1) ITEM RETROFIT <i>(If not covered under "b") (Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)</i>							
(2) ILS SUBTOTAL <i>(Applicable to aircraft, ship, tank, vehicle, missile or its subsystem)</i>							
(3) OPERATOR TRAINER <i>(Net total cost / saving from each ECP covering operator trainer)</i>							
(4) MAINTENANCE TRAINER <i>(Net total cost saving from each ECP covering maintenance trainer)</i>							
(5) OTHER TRAINING EQUIPMENT							
(6) SUPPORT EQUIPMENT <i>(Net total cost/saving from each ECP on support equipment)</i>							
(7) ILS PLANS							
(8) MAINTENANCE CONCEPT, PLANS, SYSTEM DOCUMENTS							
(9) INTERIM SUPPORT PLAN							
NEW REQUIREMENTS	CAGE CODE	NON-RECURRING COSTS	RECURRING COSTS				
			UNIT	QTY	TOTAL		
(10) PROVISIONING DOCUMENTATION							
(11) OPER TRNR/TRNG DEVICES / EQUIP							
(12) MANUALS/SPARES, REPAIR PARTS <i>(For (11))</i>							
(13) MAINTENANCE TRNR/TRNG DEVICES/EQUIP							
(14) MANUALS/SPARES, REPAIR PARTS <i>(For (13))</i>							
(15) SUPPORT EQUIPMENT							
(16) MANUALS <i>(For (15))</i>							
(17) PROVISIONING DOCUMENTATION <i>(For (15))</i>							
(18) REPAIR PARTS <i>(For (15))</i>							
(19) SUBTOTAL ILS COSTS/SAVINGS <i>(Sum of c(1) through c(18))</i>							
d. OTHER COSTS/SAVINGS <i>(Total from Page 4, Item 4.d, or related ECPs)</i>	CAGE CODE	ECP NUMBER					
(1) TOTAL OTHER COSTS/SAVINGS							
(2) SUBTOTAL OF COLUMNS							
(3) SUBTOTAL UNDER CONTRACT							
e. ESTIMATED NET TOTAL COSTS/SAVINGS <i>(a + b + c + d)</i>							

ENGINEERING CHANGE PROPOSAL (ECP) (HARDWARE), PAGE 6																																																
																												ECP NUMBER																				
																												53. CAGE CODE																				
54. CONFIGURATION ITEM NOMENCLATURE														55. TITLE OF CHANGE																																		
56. DATE AUTHORIZATION TO PROCEED RECEIVED BY CONTRACTOR (YYYYMMDD)  														<div><div> START DELIVERY</div><div><div> COMPLETED DELIVERY</div><div> PROGRESS POINT</div></div></div>																																		
	NO. OF MONTHS												1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
a. CONFIGURATION ITEM	(1) Production																																															
	(2) Tech Manuals																																															
	(3) Retrofit																																															
	(4) MWO / TCTO / SC/ ALT / TD																																															
	(5) Spares / Repair Parts																																															
b. SUPPORT EQUIPMENT	(1) Production																																															
	(2) Tech Manuals/Prog. Tapes																																															
	(3) Retrofit																																															
	(4) MWO / TCTO / SC / ALT / TD																																															
	(5) Repair Parts																																															
c. TRAINER	(1) Operator																																															
	(2) Maintenance																																															
	NO. OF MONTHS												1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

ENGINEERING CHANGE PROPOSAL (ECP) (SOFTWARE), PAGE 7																																					
																														ECP NUMBER							
																														57. CAGE CODE							
58. COMPUTER SOFTWARE ITEM NOMENCLATURE															59. TITLE OF CHANGE																						
60. DATE AUTHORIZATION TO PROCEED RECEIVED BY CONTRACTOR (YYYYMMDD)  															<div><div>S</div>START DELIVERY<div>C</div>COMPLETED DELIVERY<div>PROGRESS POINT</div></div>																						
	NO. OF MONTHS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
a. CONFIGURATION ITEM	(1) Software Engineering																																				
	(2) Software Documentation																																				
	(3) Software Replication																																				
	(4) Software Distribution																																				
b. SUPPORT EQUIPMENT	(1) Software Engineering Environment Upgrade																																				
	(2) Software Test Environment Upgrade																																				
c. TRAINER	(1) Operator																																				
	(2) Maintenance																																				
	NO. OF MONTHS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36